

Mr. Dean K. Logan  
Rieth Riley Construction Co., Inc.  
P. O. Box 477  
Goshen, IN 46527-0477

Re: 089-15146  
First Administrative Amendment to  
FESOP 089-8947-03226

Dear Mr. Logan:

Rieth Riley Construction Co., Inc. was issued a permit on January 6, 1998, for a stationary drum-mix asphalt plant with a maximum production capacity of 600 tons per hour. A letter requesting changes in descriptions of emission units was received on December 14, 2001. According to 326 IAC 2-8-10(a)(6), an administrative amendment can be used for a modification that "revises descriptive information where the revision will not trigger a new applicable requirement or violate a permit term". Therefore, pursuant to the provisions of 326 IAC 2-8-10 the permit is hereby administratively amended as follows (~~strikeout~~ to show deletions and **bold** to show additions) :

(1) The facility description in Section A.2 is changed as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) one (1) aggregate drum dryer, equipped with a low NO<sub>x</sub> burner capacity of 200 million British thermal units per hour, exhausting through a baghouse at stack SV1, and having a maximum production capacity of 600 tons per hour. This dryer is fired by natural gas, including butane as a backup fuel;
- (b) two (2) hot oil heaters, fired by **natural gas, with #2 distillate oil with and** propane as a backup fuels. These heaters are rated at 2.0 and 2.256 million British thermal units per hour and exhaust at stacks SV2 and SV3, respectively;
- (c) four (4) 12,500 gallon liquid storage tanks for liquid asphalt venting at stacks SV4, SV5, SV6 and SV7;
- (d) one (1) 25,000 gallon liquid storage tank for liquid asphalt venting at stack SV8;
- ~~(e) one (1) 18,000 gallon liquid storage tank venting at stack SV9;~~
- ~~(f)~~ **(e)** one (1) 10,000 gallon liquid storage tank venting at stack SV10; and
- ~~(g)~~ **(f)** one (1) baghouse with a total filter area of 21,240 ft

(2) The Section D.1 is amended as follows:

SECTION D.1

FACILITY OPERATION CONDITIONS

- 1) one (1) 600 tons per hour drum-mix aggregate dryer, with a low NO x burner capacity of 200 million British thermal units per hour, exhausting through a baghouse at stack SV1. This dryer is fired by natural gas, including butane as a backup fuel.
- 2) two (2) hot oil heaters, fired by **natural gas, with #2 distillate oil with and** propane as backup fuels. The heaters are rated at 2.0 and 2.256 million British thermal units per hour and exhaust at stacks SV2 and SV3, respectively.
- 3) one (1) baghouse with a total filter area of 21,240 ft

(3) The Section D.2 is amended as follows:

SECTION D.2

FACILITY OPERATION CONDITIONS

- (1) four (4) 12,500 gallon liquid storage tanks for liquid asphalt venting at stacks SV4, SV5, SV6 and SV7
- ~~(2) one (1) 18,000 gallon liquid storage tank venting at stack SV9~~
- (3 2) one (1) 10,000 gallon liquid storage tank venting at stack SV10
- ~~(4 3)~~ one (1) 25,000 gallon liquid storage tank for liquid asphalt venting at stack SV8

(4) References to the Office of Air Management (OAM) have been modified to the Office of Air Quality (OAQ).

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Madhurima Moulik, at (800) 451-6027, press 0 and ask for Madhurima Moulik or extension 3-0868, or dial (317) 233-0868.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments

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cc: File - Lake County  
U.S. EPA, Region V  
Lake County County Health Department  
Gary Local Agency  
Northwest Regional Office  
Air Compliance Section Inspector - Ramesh Tejuja  
Compliance Data Section - Karen Nowak

Administrative and Development - Janet Mobley  
Technical Support and Modeling - Michele Boner

**FEDERALLY ENFORCEABLE  
STATE OPERATING PERMIT (FESOP)  
and *ENHANCED NEW SOURCE REVIEW***

**OFFICE OF AIR QUALITY  
and Gary Local Agency**

**Rieth Riley Construction Company, Inc.  
301 North Cline Avenue Gary, Indiana 46406**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 and 326 IAC 2-1-3.2, as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

This permit supercedes the previous FESOP No. F089-5554-03226 issued December 9, 1996.

Operation Permit No.: F089-8947-03226	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: January 6, 1998

Significant Permit Revision: 089-9570-03226

Issuance Date: June 2, 1998

Administrative Amendment No: 089-15146	
Pages Modified: 5, 30, 35	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date:

## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), and the Gary Local Agency, and presented in the permit application.

### A.1 General Information [326 IAC 2-8-3(b)]

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- The Permittee owns and operates a stationary drum-mix asphalt plant with a maximum production capacity of 600 tons per hour.
- Responsible Official: Dean K. Logan  
Source Address: 301 N. Cline Avenue, Gary, Indiana 46406  
Mailing Address: P.O. Box 477, Goshen, IN 46527-0477  
SIC Code: 2951  
County Location: Lake County  
County Status: Primary nonattainment for carbon monoxide, particulate matter, sulfur dioxide; moderate nonattainment for particulate matter 10 microns; severe nonattainment for volatile organic compounds  
Source Status: Minor Source, Emission Offset Rules;  
Synthetic Minor Source, Part 70 Permit Program

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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This stationary source consists of the following emission units and pollution control devices:

- (a) one (1) aggregate drum dryer, equipped with a low NO<sub>x</sub> burner capacity of 200 million British thermal units per hour, exhausting through a baghouse at stack SV1, and having a maximum production capacity of 600 tons per hour. This dryer is fired by natural gas, including butane as a backup fuel;
- (b) two (2) hot oil heaters, fired by natural gas, with #2 distillate oil and propane as backup fuels. These heaters are rated at 2.0 and 2.256 million British thermal units per hour and exhaust at stacks SV2 and SV3, respectively;
- (c) four (4) 12,500 gallon liquid storage tanks for liquid asphalt venting at stacks SV4, SV5, SV6 and SV7;
- (d) one (1) 25,000 gallon liquid storage tank for liquid asphalt venting at stack SV8;
- (e) one (1) 10,000 gallon liquid storage tank venting at stack SV10; and
- (f) one (1) baghouse with a total filter area of 21,240 ft.

## SECTION D.1

## FACILITY OPERATION CONDITIONS

- 1) one (1) 600 tons per hour drum-mix aggregate dryer, with a low NO x burner capacity of 200 million British thermal units per hour, exhausting through a baghouse at stack SV1. This dryer is fired by natural gas, including butane as a backup fuel.
- (2) two (2) hot oil heaters, fired by natural gas, with #2 distillate oil and propane as backup fuels. The heaters are rated at 2.0 and 2.256 million British thermal units per hour and exhaust at stacks SV2 and SV3, respectively.
- (3) one (1) baghouse with a total filter area of 21,240 ft

### Emission Limitations and Standards [326 IAC 2-8-4(1)]

#### D.1.1 Sulfur Dioxide (SO<sub>2</sub>) [326 IAC 7-4-1.1]

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Pursuant to 326 IAC 7-4-1.1(a), the distillate fuel oil may be combusted in the hot oil heaters provided sulfur dioxide emissions are limited to three-tenths (0.3) pounds per million Btu. For the purpose of determining compliance, the weight percent composition of the distillate oil burned shall not exceed 0.291 percent (%) based on a high heat value of 138,000 Btu per gallon. Compliance with this condition shall also satisfy 326 IAC 7-1.1.

## **SECTION D.2**

## **FACILITY OPERATION CONDITIONS**

- (1) four (4) 12,500 gallon liquid storage tanks for liquid asphalt venting at stacks SV4, SV5, SV6 and SV7
- (2) one (1) 10,000 gallon liquid storage tank venting at stack SV10
- (3) one (1) 25,000 gallon liquid storage tank for liquid asphalt venting at stack SV8

### **Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]**

#### D.2.1 Volatile Liquid Storage Tanks [326 IAC 12]

— Pursuant to New Source Performance Standard (NSPS), 326 IAC 12 (40 CFR Part 60.116b only, Subpart Kb), the permittee shall maintain accessible records for the 25,000 gallon liquid storage tank only. These records shall include the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Records shall be kept for the life of the storage tank.